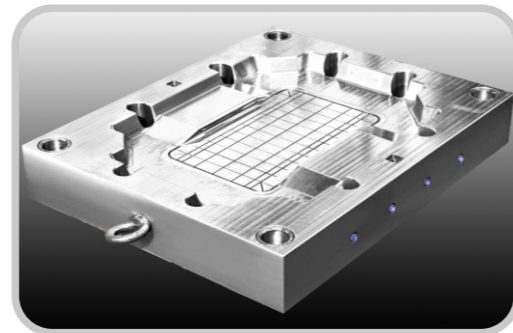


GM-C2212C

Gantry Type Surface Grinder — PLC surface grinding machine

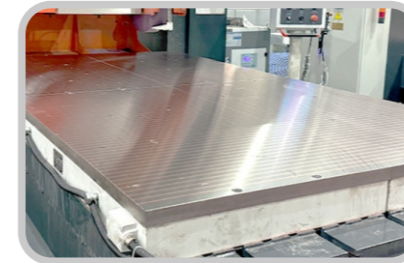
- ☞ Suitable for grinding large flat surfaces in manufacturing, automobile, mould and matrices and other high precision aviation parts.
- ☞ Gantry fixed beam structure with mobile table enables increased stability and rigidity.
- ☞ Flatness: 0.01(1000mm)/Parallelism: 0.01(1000mm)/Surface roughness: Ra 0.63 μ m.
- ☞ Omron PLC with touch screen, easy and convenient to operate grinding parameter.



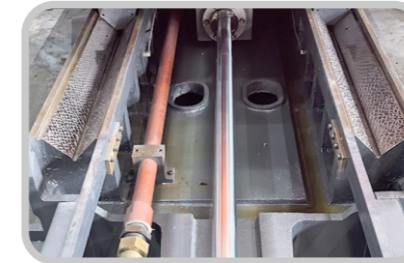
Omron PLC with touch screen



Gantry fixed beam structure



Magnetic chuck as customized



High precision double V type structure

Standard Configuration

1. Omron PLC system
2. Wheel dressing device
3. Guide way cooling system
4. Electric cabinet air conditioner
5. Hydraulic station
6. Automatic lubrication
7. Magnetic filtration system

Optional Configuration

- Syntec control system
- Siemens 828D control system
- Inspection probe for thickness
- Magnetic and paper filtration system
- Magnetic chuck / Vacuum chuck
- Main oil station oil cooler

Technical Specification :

		GM-C2212C	GM-C2512C	GM-C3012C
Size of working table(W×L)	mm	2200×1200	2500×1200	3000×1200
Max grinding workpiece (L×W×H)	mm	2200×1200×630	2500×1200×630	3000×1200×630
Longitudinal travel of table	mm	2300	2600	3100
Distance between gantry columns	mm	1560		
Distance from grinding spindle center to table	mm	200~800		
Longitudinal movement speed (Hydraulic stepless)	m/mm	5~25		
Max.table load capacity(Including electromagnetic chuck)	kg	4300	4900	5800
Motor power of grinding head	kW	15		
Grinding Wheel size (OD×W×ID)	mm	Φ500×75×Φ203		
Vertical movement distance	mm	680		
Vertical rapid movement speed	mm/min	400		
Min.vertical feed	mm	0.005		
Horizontal movement distance	mm	1300		
Horizontal movement speed	mm/min	250~2400		
Intermittent speed	mm/time	1~35		
Working surface to base level parallelism	mm	0.01/1000		
Surface roughness	μ m	Ra 0.63		
Machine total capacity	kVA	39	39	44
Overall dimension(L×W×H)	mm	7500×3500×4000	9000×3500×4000	9000×3500×4000
N.W	T	19	24	25